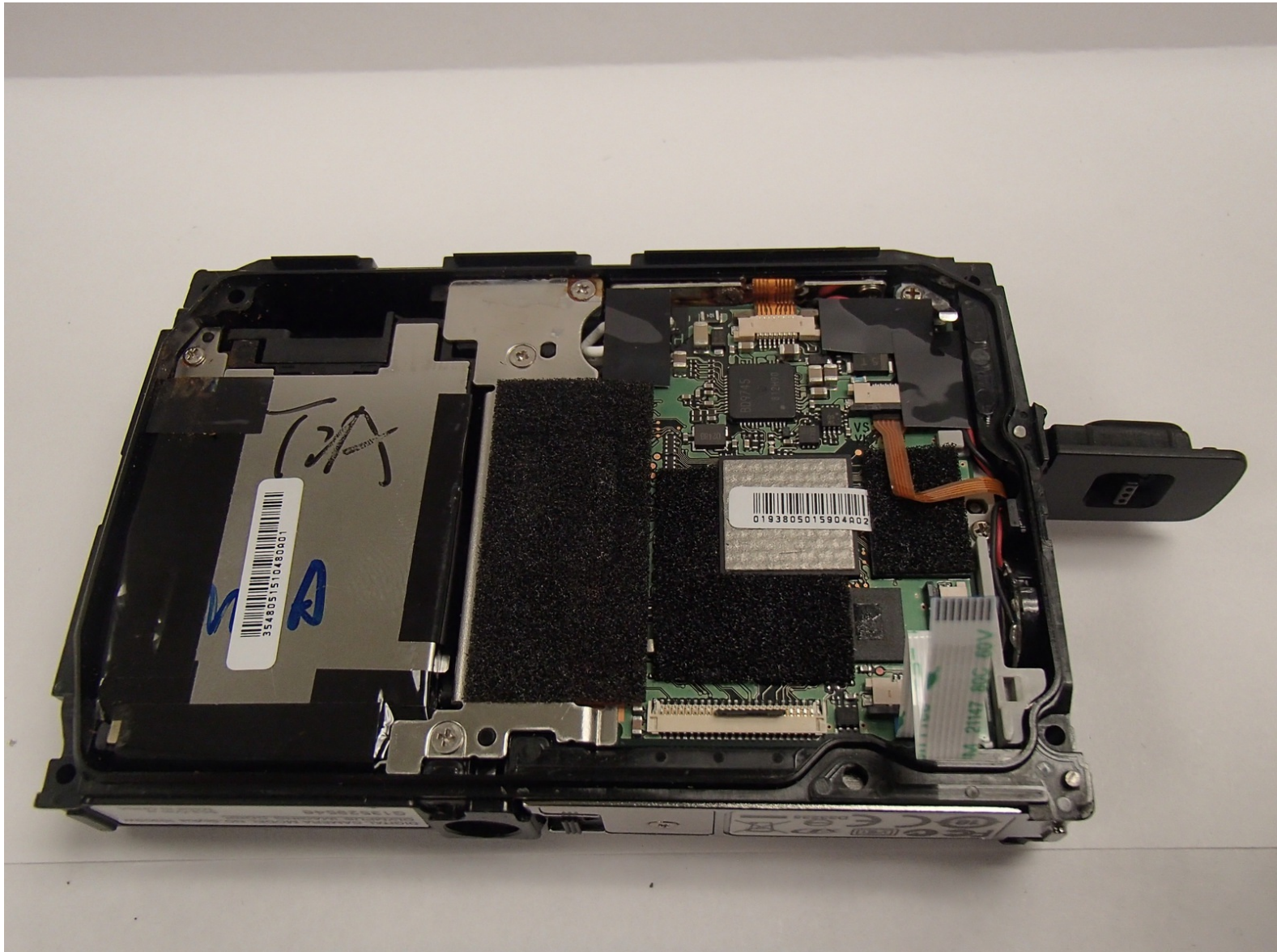




# Olympus Stylus 1030 SW Motherboard Replacement

Give a short summary.

Written By: Katie

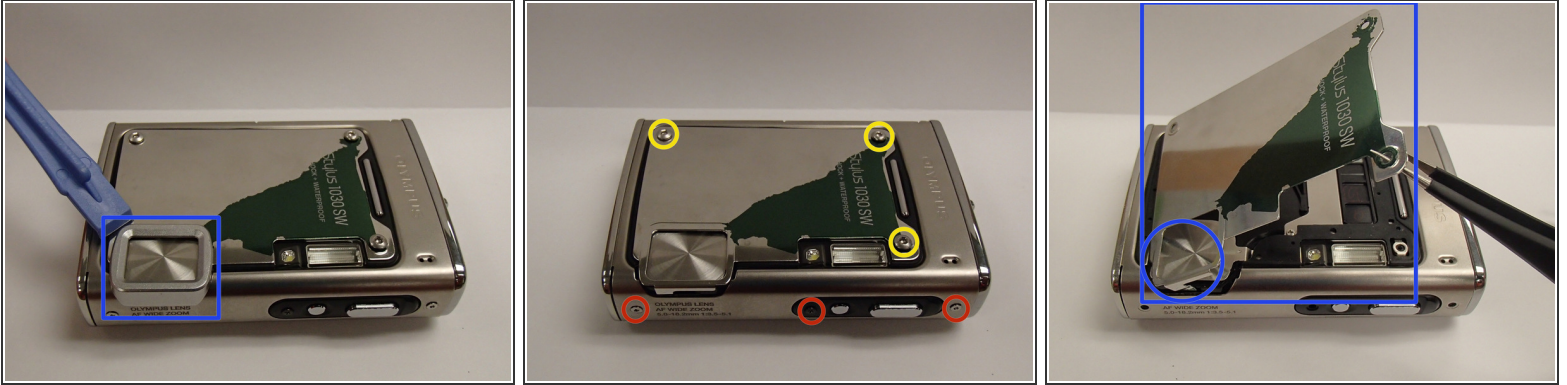




## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [T6 Torx Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Camera Casing



⚠ Carefully pry off the lens frame using a plastic opening tool.

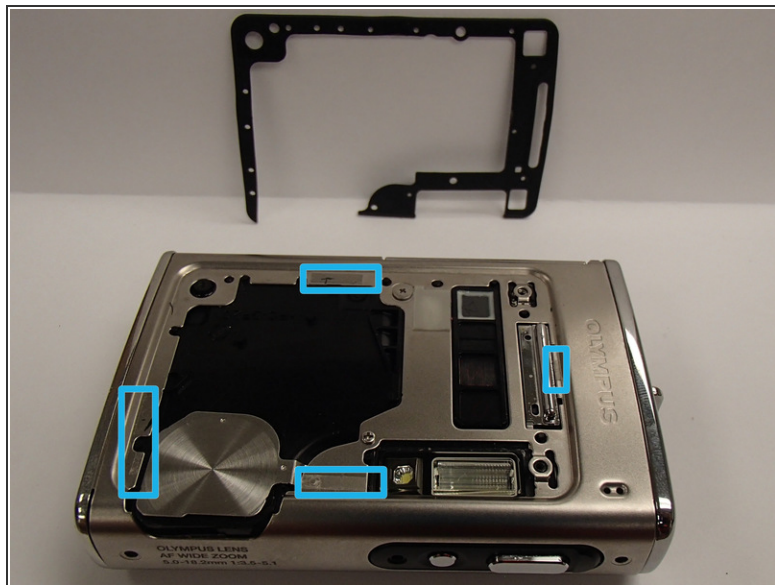
- Remove front panel's top three screws (type T6) using a 1.5 mm screwdriver.
- Remove the top sided three screws, using a #00 Philips Head Screwdriver.

⚠ Either using tweezers or gently holding the front panel by the right side, carefully remove it by pivoting it outwards.

ⓘ The location of the pivoting point is above the lens and is shown by the circle markup within the rectangle of the last image.



## Step 2



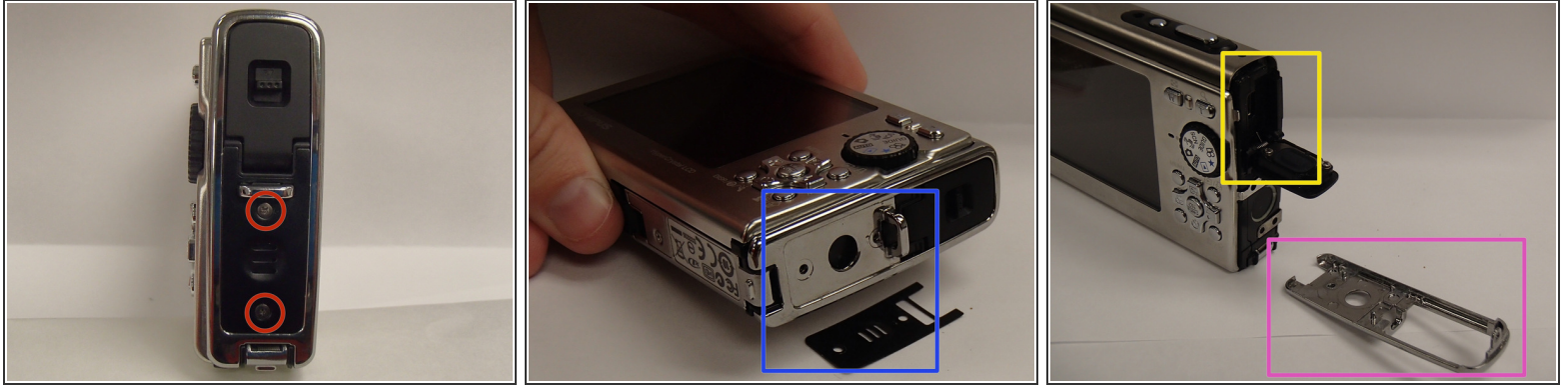
- Remove loose washer plate from T6 screw hole using tweezers.
- Slowly peel off the seal from beneath the front plate.
- ⓘ See photo for the locations of the tape strips beneath this seal.

## Step 3



- Using a #00 Philips Head Screwdriver, remove two screws located on a left side of the camera.

## Step 4



- Using a #00 Philips Head Screwdriver, remove two black color speaker screws.
- Lift out the speaker plate as it comes off after you unscrew the holding screws from previous step.
- Open up the multi connector cover.
  - ⓘ The Multi connector compartment is used to connect the AV cable and play pictures on a TV and it has a waterproof cover.
- The multi connector/speaker side panel can be detached by sliding it off the panel itself.

## Step 5



- Using a #00 Philips Head Screwdriver, remove the screw located below the multi connector cover.
- Using a #00 Philips Head Screwdriver, remove two screws located at the bottom of the camera.
- Using a #00 Philips Head Screwdriver, remove the screw inside the Battery/card compartment cover.
- ❗ To expose the screw located inside the battery/card compartment, you will first have to open the compartment cover.

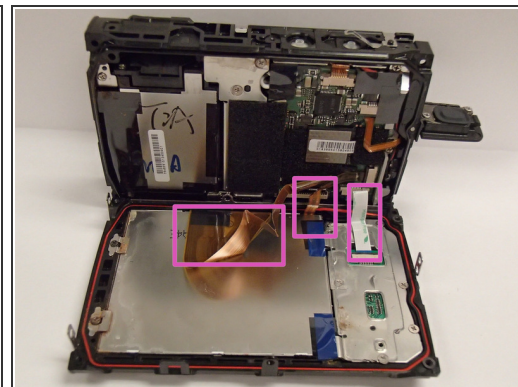
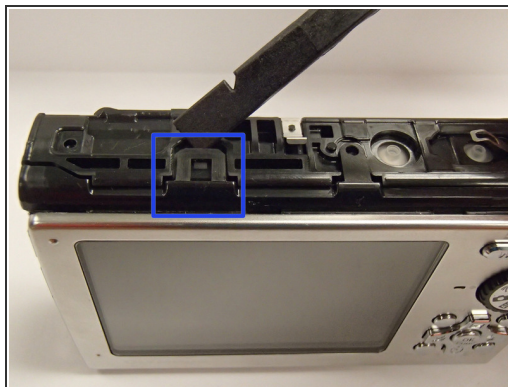
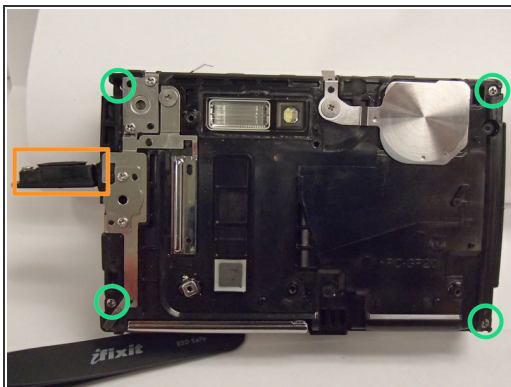
## Step 6



- Remove two screws (PH00) from the interior front cover
- Carefully detach the interior front plate by rotating it outwards until it is freed from the back panel
- Lift out the shutter and power buttons and their retaining plate

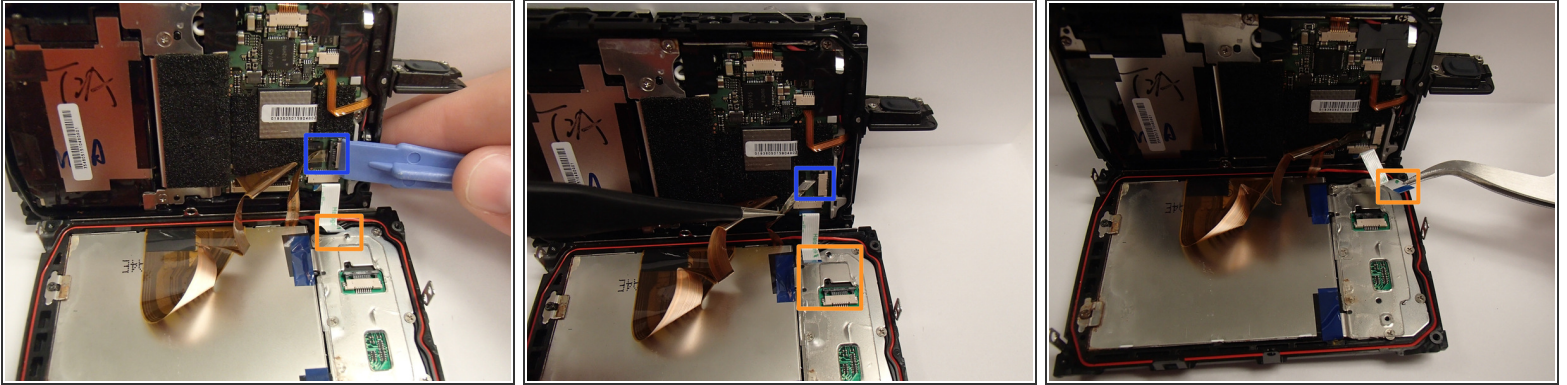


## Step 7



- Open the A/V port door
- Unscrew four corner screws that hold the front and back halves of the casing together using the #00 Philips Head Screwdriver
- Use a plastic spudger or fingernail to release the top holding clip
- Slowly unfold the front and back halves of the camera to expose the electrical ribbons

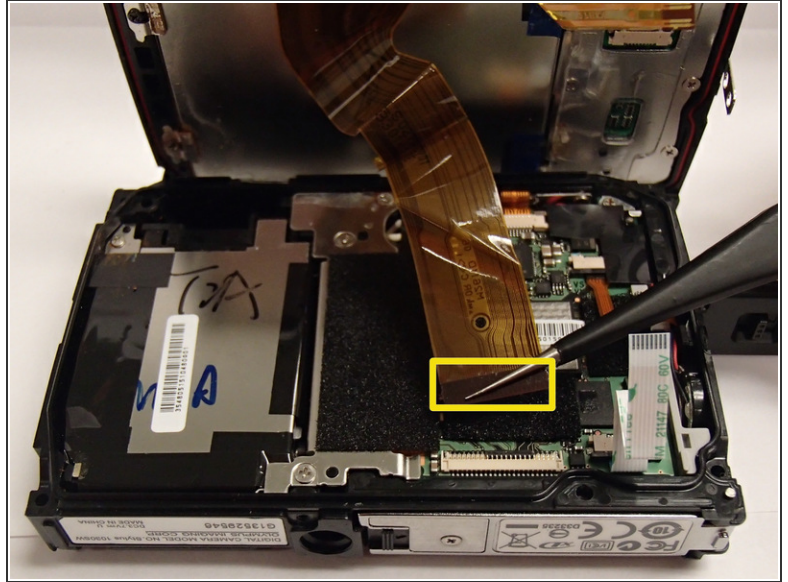
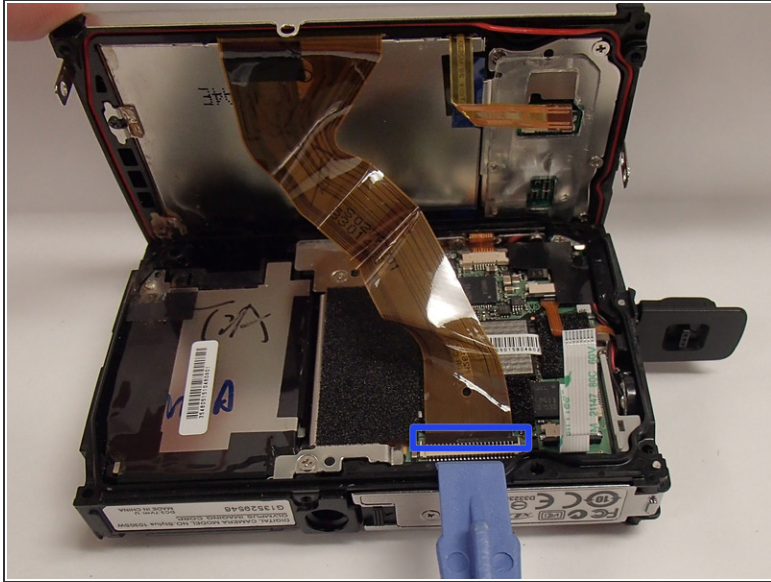
## Step 8



- Using a thumb or plastic opening tool and tweezers unattach the narrow copper ribbon by sliding it off of the computer chip.
  - ⓘ The access to the ribbon from the back panel side is still covered by the protecting plate therefore it is easier to unattach the ribbon by sliding the ribbon off of the computer chip.
- Using a thumb or plastic opening tool and tweezers unattach the white ribbon by sliding it off of the back panel.
  - ⓘ This time it is suggested to unattach the ribbon from the back panel side because of better access unlike the narrow copper ribbon.

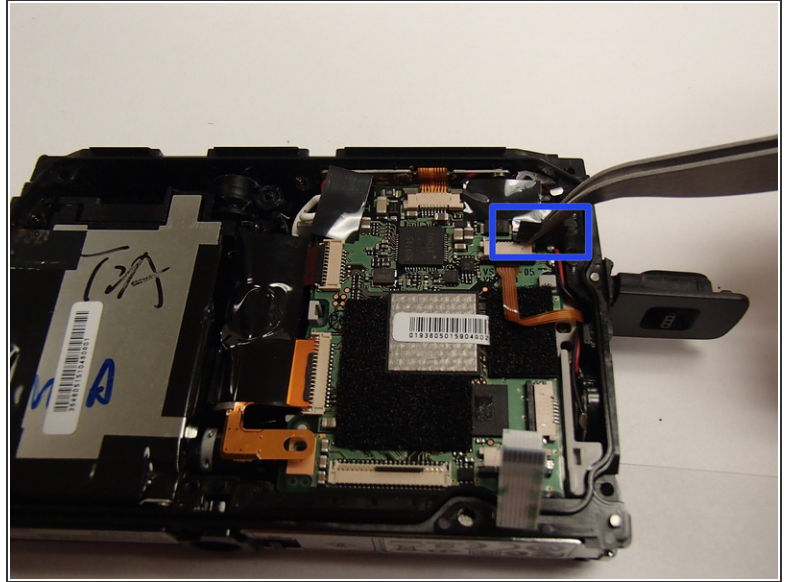
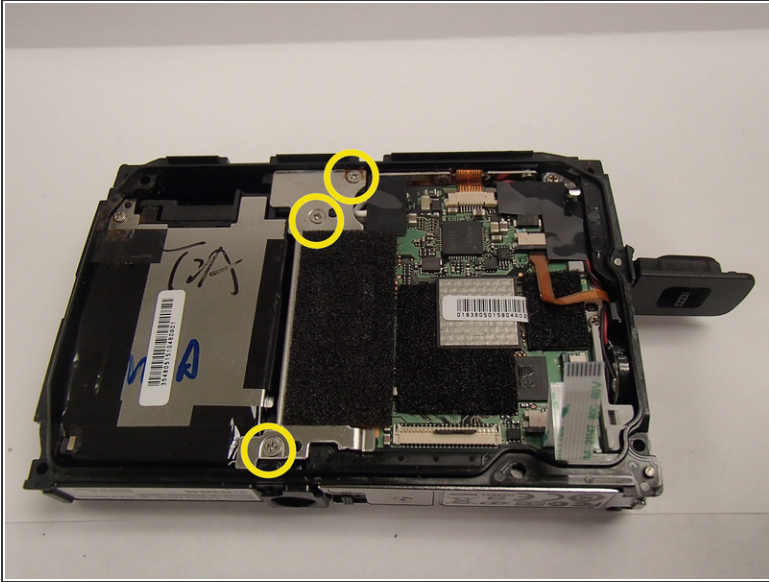


## Step 9



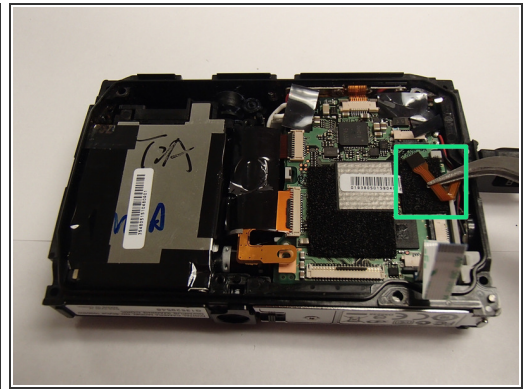
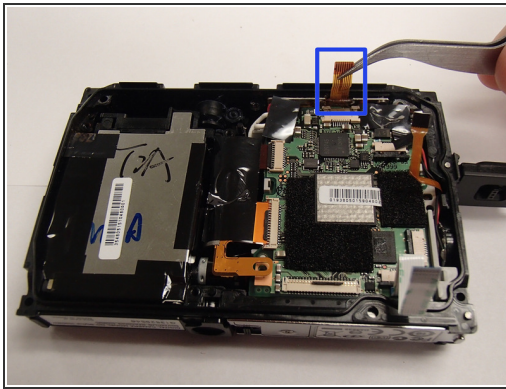
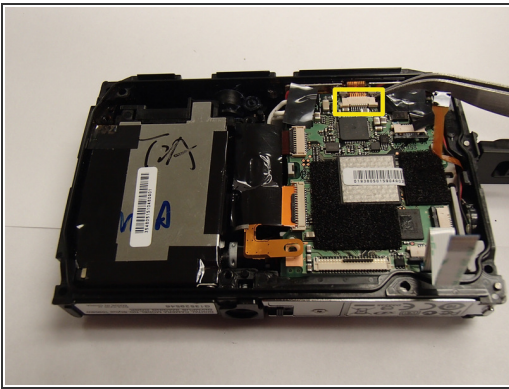
- Using plastic opening tool and tweezers gently pivot the black plastic strip up locking the ribbon in place.
- Once the black strip releases the ribbon gently unattach the wide copper ribbon off the computer chip by using your thumb or tweezers.
- Once all 3 ribbons are disconnected, the front and back halves can be separated.

## Step 10 — Motherboard



- Remove screws.
- Peel of tape.

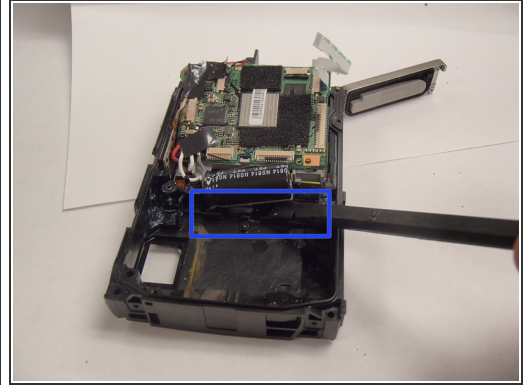
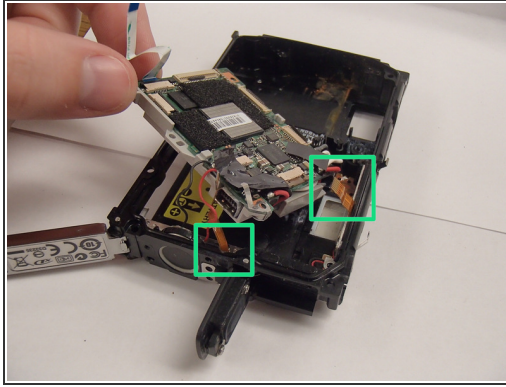
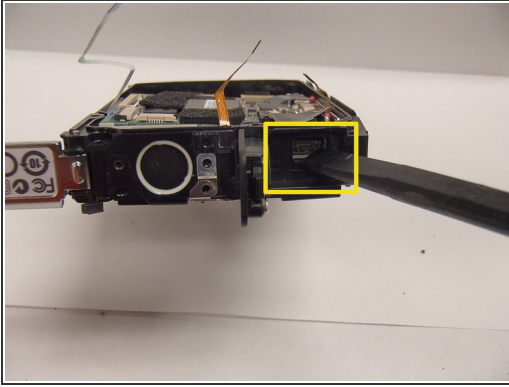
## Step 11



- Release ribbon ports by pushing outside edges in the direction of the ribbon's location.
- Disconnect top ribbon.
- Disconnect right ribbon.

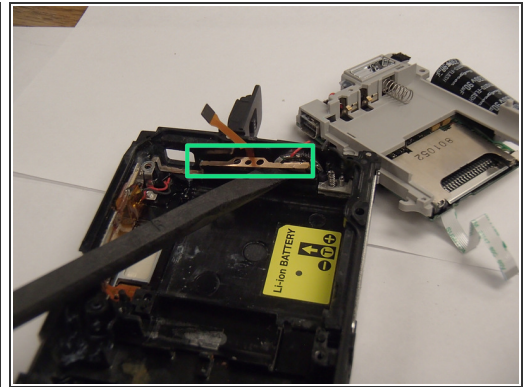
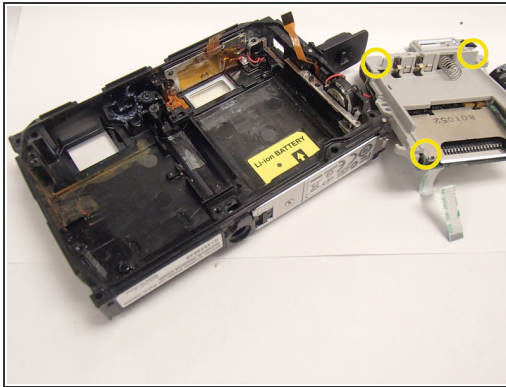
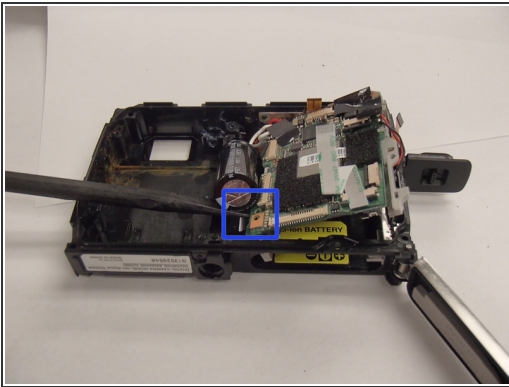


## Step 12



- Push A/V port inwards to release the motherboard from the interior plastic camera casing.
- Collect the metal washer plate from the top right corner of the motherboard (now loose).
- Pry capacitor from the plastic camera casing (only held by small tape strip).

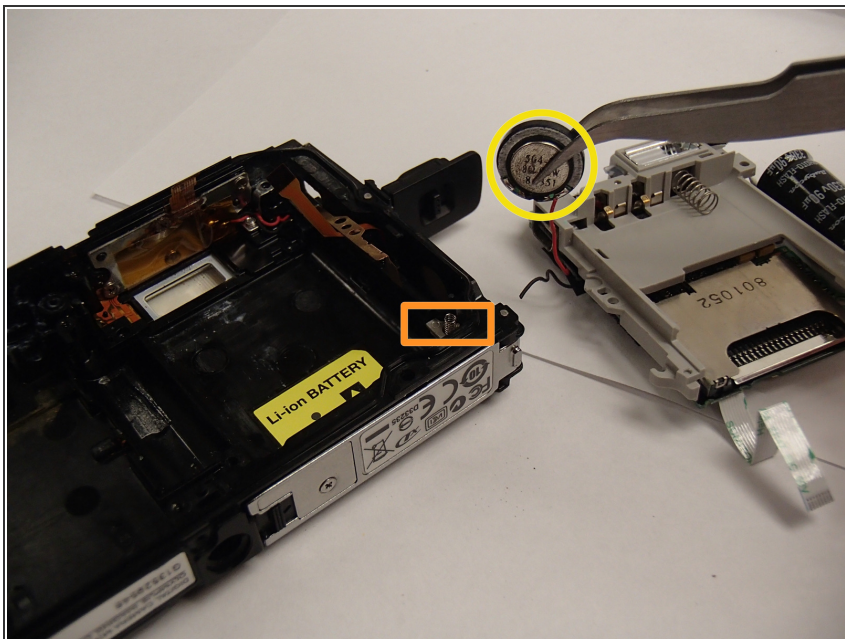
## Step 13



- Slowly remove motherboard (and attached components) from the camera casing.
  - ⚠ Be careful not to disconnect the wires by pulling it too hard.
- Unscrew speaker bracket.
- Lift up copper speaker plate.



## Step 14



- Remove speaker from casing (be careful not to disconnect wires).
- Battery clasp spring is now loose in the casing. Remove and set these aside

To reassemble your device, follow these instructions in reverse order.

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